

DIAPHRAGM PUMP SERIES BXR 3" Pump

• TECH SPECS



Head / Flow rate guaranteed in compliance with ISO 9906

Suction/delivery connections	G 3" f o DN 80 – NPT available only on request
Air fitting	G 3/4" f
Max flow rate *	211.338 GPM
Max supply air pressure	8 bar
Max head *	80 m
Max negative suction head – dry-running **	4 m
Max negative suction head – pump primed	9,5 m
Diameter Max suspended solids	10 mm
Noise level **	80 dB
Volume per stroke	1825 cc

Available in the following materials:

PP PVDF ALU SS

Construction materials (casing and manifolds) and net weight:

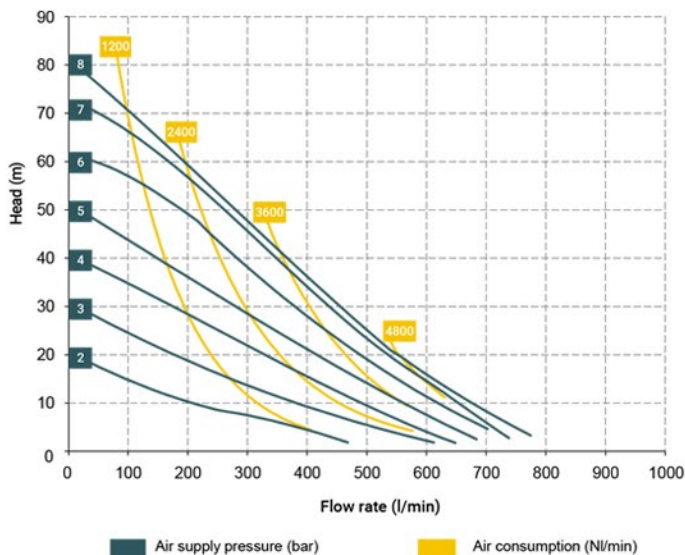
Version	Weight	Min	Max
PP (with glass additive)	50 kg	3° C	65° C
PP conductive (with carbon additive)	50 kg	3° C	65° C
PVDF (with carbon additive)	67 kg	3° C	95° C
ALU	66 kg	3° C	95° C
SS	71 kg	3° C	95° C

Maximum dimensions	Plastic	Stainless Steel	Aluminium
Height	726 mm	826 mm	806 mm
Width	585 mm	546 mm	580 mm
Depth	403 mm	403 mm	403 mm

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PERFORMANCE



[*] Available with NPT connections (on request)

*The curves and performance are referred to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.
** The value depends on the configuration of the pump.

Suction / delivery connections	G 3" f or DN 80 [*] - NPT only on request
Air fitting	G 3/4" f
Max flow rate*	800 l/min
Max supply air pressure	8 bar
Max head*	80 m
Max negative suction head - dry-running**	4 m
Max negative suction head - pump primed	9.5 m
Max diameter of suspended solids	10 mm
Noise level	80 dB
Volume per stroke	1825 cc

MAIN APPLICATION SECTORS



DIMENSION



PP

	Maximum Dimensions
Height	726 mm
Width	585 mm
Depth	403 mm
	Construction materials (casing and manifolds) and net weight
Polypropylene (with glass additive)	50 Kg Max 3°C min. 65°C max
Conductive polypropylene (with carbon additive)	50 Kg Max 3°C min. 65°C max



PVDF

	Maximum Dimensions
Height	726 mm
Width	585 mm
Depth	403 mm
	Construction materials (casing and manifolds) and net weight
PVDF	67 Kg Max 3°C min. 95°C max



ALU

	Maximum Dimensions
Height	806 mm
Width	580 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
ALU	66 Kg Max 3°C min. 95°C max



Electropolished AISI 316 steel

	Maximum Dimensions
Height	826 mm
Width	546 mm
Depth	404 mm
	Construction materials (casing and manifolds) and net weight
Electropolished AISI 316	71 Kg Max 3°C min. 95°C max
	Construction materials (casing and manifolds) available on request
	DUPLEX/W.DUPLEX